

1 POWER & SYSTEMS PLAN - FIRST FLOOR
1/8" = 1'-0"

ELECTRICAL GENERAL NOTES





1. FINAL LOCATION OF ALL EQUIPMENT SHALL BE DETERMINED IN THE FIELD AND SHALL BE INSTALLED AS DIRECTED BY THE ARCHITECT OR OWNERS REPRESENTATIVE WHERE STRUCTURAL OPENINGS ARE NOT AVAILABLE. THE CONTRACTOR SHALL CORE DRILLS WALLS AND FLOORS AS REQUIRED TO PERMIT PASSAGE OF ALL PENETRATIONS. THE E.C. SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS FOR REVIEW AND APPROVAL OF THE STRUCTURAL ENGINEER BEFORE ROUGH-IN BEGINS.
2. RECEPTACLES FOR ALL EQUIPMENT SHALL BE COMPLETE WITH PLUGS FOR THIS EQUIPMENT. THE E.C. SHALL VERIFY NEMA CONFIGURATION OF PLUGS AND RECEPTACLES FOR EQUIPMENT IN THE SPACE.
3. DURING THE BIDDING PROCESS, THE ELECTRICAL CONTRACTOR SHALL REVIEW DRAWINGS AND SPECIFICATIONS OF ALL OTHER TRADES (ARCHITECTURAL, SITE/LANDSCAPING/HVAC, PLUMBING AND SPECIALTY TRADES) ALL ITEMS REQUIRING POWER INDICATED ON THESE DRAWINGS BUT NOT INDICATED ON ELECTRICAL DRAWINGS SHALL BE ASSIGNED TO THE ELECTRICAL CONTRACTOR. THE CONTRACTOR WORK SHALL BE INSTALLED AS PER NEC REQUIREMENTS AT NO ADDITIONAL COST TO THE OWNER.
4. THE CONTRACTOR SHALL MAKE EVERY EFFORT TO MAKE ALL FEEDER RUNS CONTINUE "W/NO CABLE BREAKS". IF SPLICING OF CABLES IN BOXES BECOMES NECESSARY, USE O.Z.G. TYPE "XW" CABLE TAPS, OR APPROVED EQUIV. AND TAPE EACH TAP IN APPROVED MANNER.
5. THE MECHANICAL CONTRACTOR SHALL PROVIDE DISCONNECT SWITCHES AND STARTERS FOR ALL OF HIS UNITS. THE E.C. SHALL RECEIVE THESE ITEMS FROM THE M.C. FOR INSTALLATION BY THE E.C.
6. THE E.C. SHALL COORDINATE HIS CONDUIT PENETRATIONS FOR ROOFTOP EQUIPMENT WITH THE M.C. AND ROOFING CONTRACTOR. IF PROVISIONS ARE NOT IN PLACE FOR THESE PENETRATIONS THE E.C. SHALL BE RESPONSIBLE FOR MAKING THE NECESSARY PENETRATIONS AND CONTRACTING THE ROOF CONTRACTOR FOR SEALING THE ROOF PENETRATIONS.

NUMBERED NOTES _____ (This Drawing) _____

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| ① | REFER TO DETAIL ON SHEET E801 FOR PANEL AND ENGINEERED SWITCH MOUNTING DETAILS. |
| ② | ENGINEER SWITCH FOR POWER CONNECTION TO NEW ELEVATOR. FEED TO ELEVATOR SHALL COME FROM EXISTING SWITCHBOARDS. REFER TO DRAWING E816 FOR LOCATION. REFER TO DRAWING E500 FOR FEEDER INFORMATION. |
| ③ | CONNECT NEW RECEPTACLE TO DEDICATED CIRCUIT IN EXISTING PANELBOARD 9E ON THIS FLOOR. PROVIDE (2) #12 AND (1) #12 GROUND IN 3/4" CONDUIT FROM PANELBOARD TO RECEPTACLE. |
| ④ | CONDUIT RISEN FOR NEW FEEDERS TO 2ND FLOOR. ATTIC PANELBOARDS: AHU1-52, AHU1-C, & AHU1-N2. |
| ⑤ | NEW FEED FROM PANELBOARD #9 TO NEW ELEVATOR PANELBOARD. FEED SHALL COME UP THROUGH FLOOR IN NEW CHASE AND RUN ALONG EXISTING RUN FIRST FLOOR. ELECTRICAL CONTRACTOR TO COORDINATE THIS WORK WITH CORP PRIOR TO STARTING. CEILING TILES NEED TO BE REMOVED AND REPLACED FOR WORK TO BE COMPLETED. THE ELECTRICAL CONTRACTOR IS RESPONSIBLE FOR DAMAGED TILES DURING CONSTRUCTION. |
| ⑥ | JUNCTION BOX FOR POWER CONNECTION TO DOOR SECURITY DEVICE CONTROLLER. COORDINATE LOCATION TO ROUGH-IN. FEED DOOR FROM SPARE BREAKER IN EXISTING PANELBOARD "9E". EXTEND (2) #12 AND (2) #12 GROUND IN 3/4" CONDUIT. |



FULLY SPRINKLERED BID DOCUMENTS

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